Key West Background Turbidity Field Sheet Station(s) E-KWT03-4

E-KWT03-___

Water and Air Research, Inc.
6821 S.W. Archer Road
Gainesville, Florida 32608
Phone: 352/372-1500

Project: PPB/COE - Key West Background Turbidity
Project Number: 03-7333-03
Field Team Members: CRF/EAH/MGD
Calibration Date: _____

Retrieved HYDROLAB # 36408 from Station E-KWT03- 4 at 0738* hrs on 10/30/03.
Downloaded File: E-KWT03- 4 - 102703 Checked file content: Y or N Backed up file: Y or N
On WAR Server

HYDROLAB # ____ Deployed at Station E-KWT03- ____ at ____ hrs on ____/____/03.

Turbidity Calibration (Circulator ON)	Time: Time 2	Standard	1049 PreCal	PostCal	ReCal-1	ReCal-2
		DIW or Air	0.2			
		20 or ____	19.0	End of Monitoring		
Check Std		5 or ____ read only	3.9			
50		(must be 3.75 to 6.25 or ±(5%+1NTU))	51.0			

Time Check- Hydrolab 10:06:10* Watch 10:06:08* Cleaned sensor: Yes or No
Created New File: E-KWT03- ____ IBP = 10.0 V Battery used up ___/___/03
Programmed to start at ____ hrs on ___/___/03 at 2-min. intervals. (start times at 00, 10, 20, 30, 40, 50)
Data Terminal Cap: Silicone applied: Y / N by _____ Cap burped: Y / N by _____

Replace batteries when voltage is less than 9.7 volts. Complete some items by reading File Status.
Notes/Comments/Maintenance (Identify which Hydrolab): Collected Side-By-Side at: _____ hrs

Weather, Sea State, Currents and Other Observations

Weather Conditions: Sunny
Wind Direction: N (NE) E SE S SW W NW Wind Conditions: Calm Slight (Breezy) Strong
Sea State: Calm (Slight) Rough Very Rough Approx. Wave Height: 0-1 ft
Tidal Stage: (Falling) Slack Low Rising Slack High
Water Mass Boundary Present: (Y) / N Weed line from Fleming Key Cut
Surface Current Direction (flowing to): S and Speed: _____ mph

Current Monitoring Buoy: DGPS Serial No. _____ Track ID: _____
Time deployed _____ hrs, Time retrieved _____ hrs Nominal depth to drum top: _____ ft
Obvious Cross Wind or Currents: Y /N _____

Recent Ship Traffic: (Y) / N _____

Other Observations: Removed Station Cruise ship already docked at M. Square * EST

Key West Background Turbidity Field Sheet Station(s) E-KWT03-4

E-KWT03-___

Water and Air Research, Inc.
6821 S.W. Archer Road
Gainesville, Florida 32608
Phone: 352/372-1500

Project: PPB/COE - Key West Background Turbidity
Project Number: 03-7333-03
Field Team Members: CRF/EAH/MGD
Calibration Date: 10/27/03

Retrieved HYDROLAB # 36408 from Station E-KWT03- 4 at 1304 EST hrs on 10/27/03.
Downloaded File: E-KWT03- 4 - 102503 Checked file content: (Y) or N Backed up file: Y or (N)

HYDROLAB # 36408 Deployed at Station E-KWT03- 4 at 1558 hrs on 10/27/03. Floppy failure left program in HL

Turbidity Calibration	Time: 1508 Standard	PreCal	PostCal	ReCal-1	ReCal-2
(Circulator ON)	(DIW) or Air	0.3	0.0		
	20 or ___	19.8	21.5		
Check Std	(5) or ___ read only	4.4	3.1-3.9		
Slope Cal 50	(must be 3.75 to 6.25 or ±(5%+1NTU))	49.1	49.5		

Change from EDT to EST

Time Check- Hydrolab 15 : 02 : 30 Watch 15 : 02 : 31 Cleaned sensor: (Yes) or No
Created New File: E-KWT03- 4 - 102703 IBP = 10.3 V Battery used up 11/05/03
Programmed to start at 1540 hrs on 10/27/03 at 2-min. intervals. (start times at 00, 10, 20, 30, 40, 50) Memory OK
Data Terminal Cap: Silicone applied: (Y) N by EAH Cap burped: (Y) N by EAH

Replace batteries when voltage is less than 9.7 volts. Complete some items by reading File Status.
Notes/Comments/Maintenance (Identify which Hydrolab): Collected Side-By-Side at: ___ hrs

Weather, Sea State, Currents and Other Observations

Weather Conditions: Raining
Wind Direction: N NE E (SE) S SW W NW Wind Conditions: Calm Slight (Breezy) Strong
Sea State: Calm (Slight) Rough Very Rough Approx. Wave Height: <1 ft
Tidal Stage: (Falling) Slack Low (Rising) Slack High
Water Mass Boundary Present: Y /(N)
Surface Current Direction (flowing to): SW and Speed: ___ mph
CRF 10/27/03

Current Monitoring Buoy: DGPS Serial No. ___ Track ID: ___
Time deployed ___ hrs, Time retrieved ___ hrs Nominal depth to drum top: ___ ft
Obvious Cross Wind or Currents: Y /N ___

Recent Ship Traffic: Y /(N) ~~X~~ EST Cruise ship appears to be preparing to leave
Other Observations: Raining - removed HL for servicing + cal at marina. Repaired protective casing - shortened to ~4" below water surface. Viewed sensor guard - OK

Key West Background Turbidity Field Sheet Station(s) E-KWT03-4

E-KWT03-___

Water and Air Research, Inc.
6821 S.W. Archer Road
Gainesville, Florida 32608
Phone: 352/372-1500

Project: PPB/COE - Key West Background Turbidity
Project Number: 03-7333-03
Field Team Members: CRF/EAH/MGD
Calibration Date: 10/25/03

Retrieved HYDROLAB # 36408 from Station E-KWT03- 4 at 1020 hrs on 10/25/03.
Downloaded File: E-KWT03- 4-102303 Checked file content: (Y) or N Backed up file: (Y) or N

HYDROLAB # 36408 Deployed at Station E-KWT03- 4 at 1234 hrs on 10/25/03.

Turbidity Calibration	Time: _____ Standard	PreCal	PostCal	ReCal-1	ReCal-2
(Circulator ON)	(DIW) or Air	2.6	0.0		
	(20) or ____	21.7	19.1		
Check Std	(5) or ___ read only	7.4	4.1		
Slope Cal 50	(must be 3.75 to 6.25 or ±(5%+1NTU))	~~505~~ 5.5 CRF 10/25/03	50.6		

Time Check- Hydrolab 11:03:50 Watch 11:03:50 Cleaned sensor: (Yes) or No
Created New File: E-KWT03- 4-102503 IBP = 10.8 V Battery used up 11/13/03
Programmed to start at 1130 hrs on 10/25/03 at 2-min. intervals. (start times at 00, 10, 20, 30, 40, 50)
Data Terminal Cap: Silicone applied: (Y) N by EAH Cap burped: (Y) N by EAH

Replace batteries when voltage is less than 9.7 volts. Complete some items by reading File Status.
Notes/Comments/Maintenance (Identify which Hydrolab): Collected Side-By-Side at: _____ hrs

Weather, Sea State, Currents and Other Observations

Weather Conditions: Sunny
Wind Direction: N (NE) E SE S SW W NW Wind Conditions: Calm Slight (Breezy) Strong
Sea State: Calm (Slight) Rough Very Rough Approx. Wave Height: < 1 ft
Tidal Stage: (Falling) Slack Low Rising Slack High
Water Mass Boundary Present: Y (N)
Surface Current Direction (flowing to): S and Speed: _____ mph

Current Monitoring Buoy: DGPS Serial No. _____ Track ID: _____
Time deployed _____ hrs, Time retrieved _____ hrs Nominal depth to drum top: _____ ft
Obvious Cross Wind or Currents: Y /N _____

Recent Ship Traffic: Y /(N)

Other Observations: Repair protective housing attachments - bottom portion of pipe was unattached. Program started before deployment.

Key West Background Turbidity Field Sheet

Station(s) E-KWT03-"4A"
E-KWT03-___

Water and Air Research, Inc.
6821 S.W. Archer Road
Gainesville, Florida 32608
Phone: 352/372-1500

Project: PPB/COE - Key West Background Turbidity
Project Number: 03-7333-03
Field Team Members: CRF/EAH/MGD
Calibration Date: 10/23/03

Retrieved HYDROLAB # 37356 from Station E-KWT03- 4 at 1324 hrs on 10/23/03.
Downloaded File: E-KWT03- 4-102103 Checked file content: (Y) or N Backed up file: (Y) or N

See Sheet for Station 4"B"

~~HYDROLAB # 37356 Deployed at Station E-KWT03- 4~~ at ___ hrs on 10/23/03.

Turbidity Calibration Time: ~1400

(Circulator ON)	Standard	PreCal	PostCal	ReCal-1	ReCal-2
	(DIW) or Air	0.0	0.0		
	(20) or ___	19.1	18.8	Varies 15+ - 20+	
Check Std	(5) or ___ read only	3.5	See Note Below	18.8 CRF 10/23/03	
Slope Cal 50 (must be 3.75 to 6.25 or ±(5%+1NTU))		52.3	49.7		

(Cleaned + Isopropanol, between PreCal and PostCal)

9.2V when retrieved - Changed Batteries

Time Check- Hydrolab 13:55:51 Watch 13:55:45 Cleaned sensor: Yes or No
Created New File: E-KWT03- 4-102303 IBP = 12.2V Battery used up 11/19/03
Programmed to start at 1420 hrs on 10/23/03 at 2-min. intervals. (start times at 00, 10, 20, 30, 40, 50)
Data Terminal Cap: Silicone applied: Y / N by ________ Cap burped: Y / N by ________

Replace batteries when voltage is less than 9.7 volts. Complete some items by reading File Status.
Notes/Comments/Maintenance (Identify which Hydrolab): Collected Side-By-Side at: ______ hrs

Weather, Sea State, Currents and Other Observations

Weather Conditions: Sunny
Wind Direction: N NE E SE S SW W (NW) Wind Conditions: Calm Slight (Breezy) Strong
Sea State: Calm (Slight) Rough Very Rough Approx. Wave Height: ______ ft
Tidal Stage: (Falling) Slack Low Rising Slack High
Water Mass Boundary Present: (Y) / N Weed Line N-S in harbor
Surface Current Direction (flowing to): S and Speed: ______ mph

Current Monitoring Buoy: DGPS Serial No. ____________ Track ID: ____________
Time deployed 1233 hrs, Time retrieved 1300 hrs Nominal depth to drum top: ____ ft
Obvious Cross Wind or Currents: Y /N
Redeployed at 1303 Retrieved at 1320

Recent Ship Traffic: Y / (N)

Other Observations: During calibration 20 + 5 std readings varied greatly eg., 5NTU 0 to 12+ NTU + 20 NTU 0 - 32 NTU removed new batteries and deployed 36408 instead.

Key West Background Turbidity Field Sheet Station(s) E-KWT03-4"B"

E-KWT03-___

Water and Air Research, Inc.
6821 S.W. Archer Road
Gainesville, Florida 32608
Phone: 352/372-1500

Project: PPB/COE - Key West Background Turbidity
Project Number: 03-7333-03
Field Team Members: CRF/EAH/MGD
Calibration Date: 10/23/03

See Sheet for Station 4"A"

Retrieved HYDROLAB # _____ from Station E-KWT03-___ at ___ hrs on __/__/03.

Downloaded File: E-KWT03-_____ Checked file content: Y or N Backed up file: Y or N

HYDROLAB # 36408 Deployed at Station E-KWT03- 4 at ___ hrs on 10 / 23 /03.

Turbidity Calibration	Time: 1432 Standard	PreCal	PostCal	ReCal-1	ReCal-2
(Circulator ON)	DIW or Air	_____	0.0	_____	_____
	20 or ____	_____	19.7	_____	_____
Check Std	5 or ___ read only	_____	5.0	_____	_____
Slope Cal 50	(must be 3.75 to 6.25 or ±(5%+1NTU)) →		50.3		

Time Check- Hydrolab 02 : 34 : 20 Watch 02 : 34 : 00 Cleaned sensor: Yes or No

Created New File: E-KWT03-4-102303 IBP = 12.1 V Battery used up 11 / 19 /03

Programmed to start at 1450 hrs on 10 / 23 /03 at 2-min. intervals. (start times at 00, 10, 20, 30, 40, 50)

Data Terminal Cap: Silicone applied: Y N by EAH Cap burped: Y N by EAH

Replace batteries when voltage is less than 9.7 volts. Complete some items by reading File Status.
Notes/Comments/Maintenance (Identify which Hydrolab): Collected Side-By-Side at: _____ hrs

Weather, Sea State, Currents and Other Observations

Weather Conditions: See Sheet For "4A"

Wind Direction: N NE E SE S SW W NW Wind Conditions: Calm Slight Breezy Strong

Sea State: Calm Slight Rough Very Rough Approx. Wave Height: _____ ft

Tidal Stage: Falling Slack Low Rising Slack High

Water Mass Boundary Present: Y / N _____

Surface Current Direction (flowing to): _____ and Speed: _____ mph

Current Monitoring Buoy: DGPS Serial No. _____ Track ID: _____

Time deployed _____ hrs, Time retrieved _____ hrs Nominal depth to drum top: _____ ft

Obvious Cross Wind or Currents: Y /N _____

Recent Ship Traffic: Y / N _____

Other Observations: _____

Key West Background Turbidity Field Sheet Station(s) E-KWT03-4

E-KWT03-___

Water and Air Research, Inc.
6821 S.W. Archer Road
Gainesville, Florida 32608
Phone: 352/372-1500

Project: PPB/COE - Key West Background Turbidity
Project Number: 03-7333-03
Field Team Members: CRF/TWM/EAH/MGD
Calibration Date: 10/21/03

Retrieved HYDROLAB # 37356 from Station E-KWT03-4 at 1441 hrs on 10/21/03.
Downloaded File: E-KWT03-4-10903 Checked file content: (Y) or N Backed up file: (Y) or N

HYDROLAB # 37356 Deployed at Station E-KWT03-4 at ~1535 hrs on 10/21/03.

Turbidity Calibration	Time: _____ Standard	Calibration Responses (NTU) PreCal	PostCal	ReCal-1	ReCal-2
(Circulator ON)	(DIW) or Air	0.0	0.0		
	(20) or ____	18.8	16.7		
Check Std	(5) or ____ read only (must be 3.75 to 6.25 or ±(5%+1NTU))	4.7	3.0 calibrated at 17.5		

Time Check- Hydrolab 15:01:40 Watch 15:01:35 Cleaned sensor: (Yes) or No
Created New File: E-KWT03-4-102103 IBP = 9.9 V Battery used up 11/05/03
Programmed to start at 1540 hrs on 10/21/03 at 2-min. intervals. (start times at 00, 10, 20, 30, 40, 50)
Data Terminal Cap: Silicone applied: (Y)/N by EAH Cap burped: (Y) N by EAH

Replace batteries when voltage is less than 9.7 volts. Complete some items by reading File Status.
Notes/Comments/Maintenance (Identify which Hydrolab): Collected Side-By-Side at: _____ hrs

Weather, Sea State, Currents and Other Observations

Weather Conditions: Sunny CRF 10/21/03
Wind Direction: N (NE) E SE S SW W NW Wind Conditions: Calm (Slight) (Breezy) Strong
Sea State: Calm (Slight) Rough Very Rough Approx. Wave Height: <1 ft
Tidal Stage: Falling (Slack Low) Rising Slack High
Water Mass Boundary Present: Y (N)
Surface Current Direction (flowing to): S and Speed: _____ mph

Current Monitoring Buoy: DGPS Serial No. _____ Track ID: _____
Time deployed _____ hrs, Time retrieved _____ hrs Nominal depth to drum top: _____ ft
Obvious Cross Wind or Currents: Y /N

Recent Ship Traffic: Y (N)

Other Observations: * Varies ~3.0 – ~6.8 Reset sensor between pre & post cal – Only could calibrate to 18NTU

Key West Background Turbidity Field Sheet Station(s) E-KWT03- 4

E-KWT03-___

Water and Air Research, Inc.
6821 S.W. Archer Road
Gainesville, Florida 32608
Phone: 352/372-1500

Project: PPB/COE - Key West Background Turbidity
Project Number: 03-7333-03
Field Team Members: CRF/TWM/MGD
Calibration Date: 10/19/03

Retrieved HYDROLAB # 37356 from Station E-KWT03- 4 at 1230 hrs on 10 / 19 /03.
Downloaded File: E-KWT03- 4-101503 Checked file content: Y or N Backed up file: Y or N

HYDROLAB # 37356 Deployed at Station E-KWT03- 4 at ____ hrs on 10 / 19 /03.

Turbidity Calibration	Time: 1310 Standard	PreCal	PostCal	ReCal-1	ReCal-2
(Circulator ON)	DIW or Air	1.9	0.0		
	20 or ___	20.0	19.9		
Check Std	5 or ___ read only (must be 3.75 to 6.25 or ±(5%+1NTU))	6.6	5.0		

Time Check- Hydrolab 12 : 54 : 10 Watch 12 : 54 : 07 Cleaned sensor: Yes or No
Created New File: E-KWT03- 4-101903 IBP = 9.9 V Battery used up 11 / 03/03
Programmed to start at 1340 hrs on 10 / 19/03 at 2-min. intervals. (start times at 00, 10, 20, 30, 40, 50)
Data Terminal Cap: Silicone applied: Y / N by TWM Cap burped: Y / N by TWM

Replace batteries when voltage is less than 9.7 volts. Complete some items by reading File Status.
Notes/Comments/Maintenance (Identify which Hydrolab): Collected Side-By-Side at: ____ hrs

Weather, Sea State, Currents and Other Observations

Weather Conditions: Clear
Wind Direction: N NE E SE S SW W NW Wind Conditions: Calm Slight Breezy Strong
Sea State: Calm Slight Rough Very Rough Approx. Wave Height: <1 ft
Tidal Stage: Falling Slack Low Rising Slack High
Water Mass Boundary Present: Y / N ____
Surface Current Direction (flowing to): S and Speed: ____ mph

Current Monitoring Buoy: DGPS Serial No. ____ Track ID: ____
Time deployed ____ hrs, Time retrieved ____ hrs Nominal depth to drum top: ____ ft
Obvious Cross Wind or Currents: Y /N ____

Recent Ship Traffic: Y / N ____

Other Observations: Hydrolab Turb sensor was loose - opened end and tightened plate clamp that had been loose.

Key West Background Turbidity Field Sheet Station(s) E-KWT03-4

E-KWT03-4

Water and Air Research, Inc.
6821 S.W. Archer Road
Gainesville, Florida 32608
Phone: 352/372-1500

Project: PPB/COE - Key West Background Turbidity
Project Number: 03-7333-03
Field Team Members: SAC, TWM, MGD
Calibration Date: 10/15/03

Retrieved HYDROLAB # 37356 from Station E-KWT03- 4 at 1200 hrs on 10/15/03.
Downloaded Filename: E-KWT03-4-101303 Checked file content: (Y) or N Backed up file: (Y) or N

HYDROLAB # 37356 Deployed at Station E-KWT03- 4 at 1335 hrs on 10/15/03.

Turbidity Calibration	Time: 1250 Standard	Calibration Responses (NTU) PreCal	PostCal	ReCal-1	ReCal-2
(Circulator ON)	DIW or Air	0.0	0.0	0.0	
	50 or 20	17.6	19.8		
Check Std	5 or ___ read only (must be 3.75 to 6.25 or ±(5%+1NTU))	5.8-5.9	6.0		

Time Check- Hydrolab GPS: ___ Watch ___:___:___ Cleaned sensor: (Yes) or No
Created New File: E-KWT03-4-101503 IBP = 10.7 V Battery used up 11/03/03. 71%
Programmed to start at 1340 hrs on 10/15/03 at 2-min. intervals. (start times at 00, 10, 20, 30, 40, 50)
Data Terminal Cap: Silicone applied: (Y)/ N by TWM Cap burped: (Y) / N by TWM

Replace batteries when voltage is less than 9.7 volts. Complete some items by reading File Status.
Notes/Comments/Maintenance (Identify which Hydrolab): Collected Side-By-Side at: _____ hrs

Weather, Sea State, Currents and Other Observations

Weather Conditions: WINDY OVERCAST
Wind Direction: (N) NE E SE S SW W NW Wind Conditions: Calm Slight (Breezy) Strong
Sea State: Calm Slight (Rough) Very Rough Approx. Wave Height: 1-2 ft
Tidal Stage: Falling Slack Low (Rising) Slack High
Water Mass Boundary Present: Y /(N)
Surface Current Direction (flowing to): _____ and Speed: _____ mph

Current Monitoring Buoy: DGPS Serial No. _____ Track ID: _____
Time deployed _____hrs, Time retrieved _____hrs Nominal depth to drum top: _____ft
Obvious Cross Wind or Currents: Y /N

Recent Ship Traffic: Y / N

Other Observations:

Key West Background Turbidity Field Sheet Station(s) E-KWT03-4

E-KWT03-4

Water and Air Research, Inc.
6821 S.W. Archer Road
Gainesville, Florida 32608
Phone: 352/372-1500

Project: PPB/COE - Key West Background Turbidity
Project Number: 03-7333-03
Field Team Members: SAC, TFS, TWM
Calibration Date: 101303

Retrieved HYDROLAB # 37356 from Station E-KWT03-4 at 1245 hrs on 10/13/03.
Downloaded Filename: E-KWT03-4-101303 Checked file content: Y or N Backed up file: Y or N

HYDROLAB # 37356 Deployed at Station E-KWT03-4 at 1315 hrs on 10/17/03.

Turbidity Calibration	Time: 1254 Standard	Calibration Responses (NTU) PreCal	PostCal	ReCal-1	ReCal-2
(Circulator ON)	DIW or Air	0.0	0.0	0.0	
	50 or 20	21.3-21.4	20.2		
Check Std	5 or ___ read only (must be 3.75 to 6.25 or ±(5%+1NTU))	4.0-4.1	4.9-4.8		

Time Check- Hydrolab GMT Watch ___:___:___ Cleaned sensor: Yes or No
Created New File: E-KWT03-4-101303 IBP = 10.8 V Battery used up 11/02/03. 76%
Programmed to start at 1320 hrs on 10/13/03 at 2-min. intervals. (start times at 00, 10, 20, 30, 40, 50)
Data Terminal Cap: Silicone applied: Y / N by SAC Cap burped: Y / N by SAC

Replace batteries when voltage is less than 9.7 volts. Complete some items by reading File Status.
Notes/Comments/Maintenance (Identify which Hydrolab): Collected Side-By-Side at: NA hrs

Weather, Sea State, Currents and Other Observations

Weather Conditions: SUNNY
Wind Direction: N NE E SE S SW W NW Wind Conditions: Calm Slight Breezy Strong
Sea State: Calm Slight Rough Very Rough Approx. Wave Height: < 1 ft
Tidal Stage: Falling Slack Low Rising Slack High
Water Mass Boundary Present: Y / N
Surface Current Direction (flowing to): N and Speed: 1/2 mph

Current Monitoring Buoy: DGPS Serial No. _____ Track ID: _____
Time deployed _____ hrs, Time retrieved _____ hrs Nominal depth to drum top: _____ ft
Obvious Cross Wind or Currents: Y /N

Recent Ship Traffic: Y / N

Other Observations:

Key West Background Turbidity Field Sheet Station(s) E-KWT03- 4

E-KWT03- 4

Water and Air Research, Inc.
6821 S.W. Archer Road
Gainesville, Florida 32608
Phone: 352/372-1500

Project: PPB/COE - Key West Background Turbidity
Project Number: 03-7333-03
Field Team Members: TFB, ONH
Calibration Date: 10/11/03

Retrieved HYDROLAB # 37356 from Station E-KWT03- 4 at 0940 hrs on 10 / 11 /03.
Downloaded Filename: E-KWT03-4-100803 Checked file content (Y) or N Backed up file: (Y) or N

HYDROLAB # 37356 Deployed at Station E-KWT03- 4 at 1006 hrs on 10 / 11 /03.

Turbidity Calibration	Time: 0952 Standard	Calibration Responses (NTU) PreCal	PostCal	ReCal-1	ReCal-2
(Circulator ON)	DIW or Air	0.0	0.0	0.0	
	50 or 20	19.5	19.5-19.7		
Check Std	5 or ___ read only (must be 3.75 to 6.25 or ±(5%+1NTU))	4.8-5.1	4.9		

Time Check- Hydrolab ___:___:___ Watch ___:___:___ Cleaned sensor: (Yes) or No
Created New File: E-KWT03-4-101103 IBP = 12.0 V Battery used up 11 / 06 /03.
Programmed to start at 1010 hrs on 10 / 11 /03 at 2-min. intervals. (start times at 00, 10, 20, 30, 40, 50)
Data Terminal Cap: Silicone applied: (Y) / N by TFB Cap burped: (Y) / N by TFB

Replace batteries when voltage is less than 9.7 volts. Complete some items by reading File Status.
Notes/Comments/Maintenance (Identify which Hydrolab): Collected Side-By-Side at: _____ hrs

Weather, Sea State, Currents and Other Observations

Weather Conditions: Partly cloudy
Wind Direction: (N) NE E SE S SW W NW Wind Conditions: (Calm) (Slight) Breezy Strong
Sea State: (Calm) Slight Rough Very Rough Approx. Wave Height: < 1 ft
Tidal Stage: Falling Slack Low (Rising) Slack High
Water Mass Boundary Present: Y / N
Surface Current Direction (flowing to): N and Speed: 1.6 mph

Current Monitoring Buoy: DGPS Serial No. _____ Track ID: _____
Time deployed _____ hrs, Time retrieved _____ hrs Nominal depth to drum top: _____ ft
Obvious Cross Wind or Currents: Y /N

Recent Ship Traffic: Y / N

Other Observations: Changed batteries, some power loss message

Key West Background Turbidity Field Sheet Station(s) E-KWT03-4

E-KWT03-4

Water and Air Research, Inc.
6821 S.W. Archer Road
Gainesville, Florida 32608
Phone: 352/372-1500

Project: PPB/COE - Key West Background Turbidity
Project Number: 03-7333-03
Field Team Members: TFB, ONH
Calibration Date: 10/7/03

NEW DEPLOYMENT

Retrieved HYDROLAB # _____ from Station E-KWT03-4 at _____ hrs on __/__/03.
Downloaded Filename: _____ Checked file content: Y or N Backed up file: Y or N

HYDROLAB # 37556 Deployed at Station E-KWT03-4 (Ship fender) at 1155 hrs on 10 / 8 /03.

Turbidity Calibration	Time: ~~1045~~ 1710 Standard	PreCal	PostCal	~~ReCal-1~~ Post Check	ReCal-2
(Circulator ON)	(DIW) or Air	0.0	0.0	0.0	
	(50) or ____	47.6	49.8		
Check Std	(5) or ____ read only (must be 3.75 to 6.25 or ±(5%+1NTU))		4.8		

Time Check- Hydrolab GPS Set Watch __:__:__ Cleaned sensor: (Yes) or No
Created New File: E-KWT03-4-100803 IBP = 12.0 V Battery used up 11 / 3 /03.
Programmed to start at 1200 hrs on 10 / 8 /03 at 2-min. intervals. (start times at 00, 10, 20, 30, 40, 50)
Data Terminal Cap: Silicone applied: (Y) / N by TFB Cap burped: (Y) / N by TFB

Replace batteries when voltage is less than 9.7 volts. Complete some items by reading File Status.
Notes/Comments/Maintenance (Identify which Hydrolab): Collected Side-By-Side at: NA hrs

Weather, Sea State, Currents and Other Observations

Weather Conditions: PARTLY CLOUDY
Wind Direction: N (NE) E SE S SW W NW Wind Conditions: Calm Slight ~~Breezy~~ Strong
Sea State: Calm (Slight) Rough Very Rough Approx. Wave Height: 1-2 ft
Tidal Stage: (Falling) Slack Low Rising Slack High
Water Mass Boundary Present: Y / (N)
Surface Current Direction (flowing to): SW and Speed: 2-3 mph

Current Monitoring Buoy: DGPS Serial No. _____ Track ID: _____
Time deployed _____ hrs, Time retrieved _____ hrs Nominal depth to drum top: _____ ft
Obvious Cross Wind or Currents: Y /N _____

Recent Ship Traffic: Y / N _____

Other Observations: RESET CLOCK TO DGPS TIME, BAD CONNECTION - NOT CALIBRATED, CALIBRATED ON 10/7/03 & DEPLOYED ON 10/8/03